

ATTORNEY'S DOCKET NUMBER: 27008U

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| U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE<br>TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING<br>UNDER 35 U.S.C. 371  |  | DATE: SEPTEMBER 30, 2005<br>U.S. APPLN. NUMBER: (if known):<br>Not Yet Assigned<br><b>107551467</b> |
| INTERNATIONAL APPLICATION<br>NUMBER: PCT/EP2004/002455  | INTERNATIONAL FILING<br>DATE:<br>10 MARCH 2004 | PRIORITY DATE CLAIMED:<br>31 MARCH 2003 (31.03.2003) DE   |
| TITLE OF INVENTION: COOLANT PUMP, ESPECIALLY ELECTRIC CONVECTION-COOLED COOLANT PUMP WITH<br>INTEGRATED DIRECTIONAL CONTROL VALVE, AND CORRESPONDING METHOD   |  |   |
| APPLICANT(S) FOR DO/EO/US: PAWELLEK, Franz  |  |   |
| <p>Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.<br/> 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.<br/> 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f))<br/>The submission must include items(5), (6), (9) and (21) indicated below.<br/> 4. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):<br/> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).<br/> b. <input type="checkbox"/> has been communicated by the International Bureau.<br/> c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)<br/> 5. <input checked="" type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).<br/> 6. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<br/> a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).<br/> b. <input type="checkbox"/> have been communicated by the International Bureau.<br/> c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<br/> d. <input checked="" type="checkbox"/> have not been made and will not be made.<br/> 7. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).<br/> 8. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).<br/> 9. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT article 36 (35 U.S.C. 371(c)(5)).</p>  |  |   |
| ITEMS 10 to 19 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:   |  |   |
| 10. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.<br>11. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br>12. <input checked="" type="checkbox"/> A FIRST preliminary amendment.<br>13. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment<br>14. <input type="checkbox"/> A substitute specification.<br>15. <input type="checkbox"/> A change of power of attorney and/or address letter.<br>16. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825<br>17. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)<br>18. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)<br>19. <input checked="" type="checkbox"/> Other items or information:<br>TRANSMITTAL LETTER; GERMAN TRANSLATION OF THE INTERNATIONAL APPLICATION: PUBLICATION NO.: WO 2004/088143 A1, WITH THE INTERNATIONAL SEARCH REPORT (PCT/ISA/210); INTERNATIONAL PUBLICATION DATE: 14 OCTOBER 2004; ENGLISH TRANSLATION OF THE INTERNATIONAL APPLICATION: PUBLICATION NO.: WO 2004/088143 A1; INTERNATIONAL PUBLICATION DATE: 14 OCTOBER 2004, WHICH CONSISTS OF 50 PAGES: 2 PAGES FOR THE COVER SHEET, 27 PAGES OF TEXTUAL SPECIFICATION, 3 PAGES OF REFERENCE NUMERALS, 6 PAGES OF 23 CLAIMS, 1 PAGE OF AN ABSTRACT, 11 SHEETS OF DRAWINGS; PRELIMINARY AMENDMENT WITH ATTACHMENT A TO BE EXAMINED; EXECUTED DECLARATION AND POWER OF ATTORNEY; EXECUTED ASSIGNMENT AND RECORDATION COVER SHEET; INFORMATION DISCLOSURE STATEMENT; PTO FORM-1449, WITH 8 CITED REFERENCES; OFFICE ACTION FOR DE 103 14 526.5 IN GERMAN; COPIES OF 7 OF THE 8 CITED REFERENCES; WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT/ISA/237); FIRST NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION (PCT/IB/308); SECOND AND SUPPLEMENTARY NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION (PCT/IB/308); NOTIFICATION CONCERNING SUBMISSION OR TRANSMITTAL OF PRIORITY DOCUMENT (PCT/IB/304); NOTIFICATION OF RECEIPT OF RECORD COPY (PCT/IB/301); PCT REQUEST IN GERMAN (PCT/RO/101); |  |   |

JC09 Rec'd PCT/PTO 30 SEP 2005

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|---|------------------|---|--------------------------|---------------------------|---------------------|
| U.S. APPLICATION NUMBER:<br>(If, known): Not Yet Assigned<br><b>10/551467</b>   |                  | INTERNATIONAL APPLICATION NUMBER: PCT/EP2004/002455 | DATE: SEPTEMBER 30, 2005 |                           |                     |
| <p>The following fees are submitted:</p> <p>20. Basic National Fee ..... \$ 300.00</p> <p>21. Examination Fee<br/>If International Preliminary Examination Report<br/>prepared by USPTO and all claims satisfy<br/>Provisions of PCT Article 33(1)-(4) ..... \$ 100.00<br/>All other situations ..... \$ 200.00</p> <p>22. Search Fee (37 CFR 1.445(a)(2) has been paid on the<br/>International Application to the USPTO<br/>as an International Searching Authority ... \$ 100.00<br/>International Search Report prepared<br/>and provided to the Office ..... \$ 400.00<br/>All other situations ..... \$ 500.00</p> <p>— Additional fee for specification and drawings filed in<br/>paper over 100 sheets (excluding Sequence listing or<br/>computer program listing filed in an electronic<br/>medium).<br/>The fee is \$ 250.00 for each additional 50 sheets of paper<br/>or fraction thereof.</p> <p>ENTER APPROPRIATE BASIC FEE AMOUNT =</p> |                  |   |                          | <u>CALCULATIONS</u>       | <u>PTO USE ONLY</u> |
|   |                  |   |                          | \$ 300.00                 |                     |
|   |                  |   |                          | \$ 200.00                 |                     |
|   |                  |   |                          | \$ 400.00                 |                     |
|   |                  |   |                          | \$ 900.00                 |                     |
| <p>Surcharge of \$130.00 for furnishing the oath or declaration<br/>later than <u>20</u> <u>30</u> months from the earliest<br/>claimed priority date (37 CFR 1.492(e)).</p>  |                  |   |                          | \$ 0.00                   |                     |
| CLAIMS  | NUMBER:<br>FILED | NUMBER:<br>EXTRA                                    | RATE                     |                           |                     |
| TOTAL   | 22-20=           | 2   | X \$ 50.00               | \$ 100.00                 |                     |
| INDEPENDENT   | 2- 3=            | 0   | X \$ 200.00              | \$ 0.00                   |                     |
| Multiple dependent claims(s)<br>(if applicable)   |                  |   | + \$360.00               | \$ 0.00                   |                     |
| TOTAL OF ABOVE CALCULATIONS =   |                  |   |                          | \$ 1,000.00               |                     |
| Reduction by 2 for asserting small entity, if applicable.<br>(Note 37 CFR 1.9, 1.27, 1.28).   |                  |   |                          | \$ 0.00                   |                     |
| SUBTOTAL =  |                  |   |                          | \$ 1,000.00               |                     |
| <p>Processing fee of \$130.00 for furnishing the English<br/>translation later than <u>20</u> <u>30</u> months from the<br/>earliest claimed priority date (37 CFR 1.492(f)). +</p>   |                  |   |                          | \$ 0.00                   |                     |
| TOTAL NATIONAL FEE =  |                  |   |                          | \$ 1,000.00               |                     |
| <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)).<br/>The assignment must be accompanied by an appropriate cover<br/>sheet (37 CFR 3.28, 3.31). <b>\$40.00 per property +</b></p>  |                  |   |                          | \$ 40.00                  |                     |
| TOTAL FEES ENCLOSED =   |                  |   |                          | \$ 1,040.00               |                     |
|   |                  |   |                          | Amount to be:<br>refunded | \$                  |
|   |                  |   |                          | charged                   | \$                  |

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| U.S. APPLICATION NUMBER: (If known) <b>10/551467</b> | INTERNATIONAL APPLICATION NUMBER: PCT/EP2004/002455 | DATE: SEPTEMBER <u>30</u> 2005 |
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- a.  Two checks in the amount of \$ 1,040.00 to cover the above fees are enclosed.
- b.  Please charge my Deposit Account Number: 14-0112 in the amount of \$ to cover the above fees. (A duplicate copy of this sheet is enclosed.)
- c.  The Commissioner is hereby authorized to charge any additional fees, which June be required, or credit any overpayment to Deposit Account Number: 14-0112.
- d.  Fees are to be charged to a credit card  WARNING: Information on this form June become public  Credit Card Information should not be included on this form.  
 Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

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10/551467

MAIL STOP PCT  
Attorney Docket: 27008U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

PAWELLEK

Serial No.: Not Yet Assigned

Filed: September \_\_\_, 2005

Internatl. Appl. No.: PCT/EP2004/002455

Internatl. Filing Date: 10 March 2004 (10.03.2004)

Title: COOLANT PUMP, ESPECIALLY ELECTRIC CONVECTION-COOLED COOLANT PUMP WITH INTEGRATED DIRECTIONAL CONTROL VALVE, AND CORRESPONDING METHOD

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TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- (1) Transmittal Letter to U.S. Designated/Elected Office (DO/EO/US) Concerning Filing under 35 U.S.C. 371;
- (2) German Translation of the International Application: Publication No.: WO 2004/088143 A1, with the International Search Report (PCT/ISA/210); International Publication Date: 14 October 2004;
- (3) English Translation of the International Application: Publication No.: WO 2004/088143 A1; International Publication Date: 14 October 2004, which consists of 50 pages:
  - 2 pages for the Cover Sheet,
  - 27 pages of Textual Specification,
  - 3 pages of Reference Numerals,
  - 6 pages of 23 Claims,
  - 1 page of an Abstract,
  - 11 sheets of Drawings;
- (4) **Preliminary Amendment with Attachment A to be Examined;**
- (5) Executed Declaration and Power of Attorney;
- (6) Executed Assignment and Recordation Cover Sheet;
- (7) Information Disclosure Statement;
- (8) PTO Form-1449, with 8 cited references;
- (9) Office Action for DE 103 14 526.5 in German;
- (10) Copies of 7 of the 8 cited references;
- (11) Written Opinion of the International Searching Authority (PCT/ISA/237);
- (12) First Notice Informing the Applicant of the Communication of the International Application (PCT/IB/308);
- (13) Second and Supplementary Notice Informing the Applicant of the Communication of the International Application (PCT/IB/308);
- (14) Notification Concerning Submission or Transmittal of Priority Document (PCT/IB/304);
- (15) Notification of Receipt of Record Copy (PCT/IB/301);
- (16) PCT Request in German (PCT/RO/101);
- (17) Check No.: 23713 in the Amount of \$ 1,000.00 for the Basic Filing Fee, which includes the Search and Examination Fees (\$900.00), and for 2 Total Claims over 20 (\$100.00), as a Large Entity;
- (18) Check No.: 23714 in the Amount of \$ 40.00 for recordation fee;
- (19) Postcard for Early Notification of the Serial Number Request.

Respectfully submitted,  
NATH & ASSOCIATES PLLC

By:

Gary M. Nath  
Reg. No. 26,965  
Gregory B. Kang  
Reg. No. 45,273  
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Date: September 30, 2005

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